

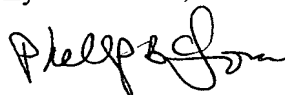
***Remarks***

As suggested by the Examiner, Applicants have provided a substitute Sequence Listing, which includes sequences found on page 16 and in Figure 1 of the specification. Applicants have amended the specification on these pages to insert the sequence identification numbers. No new matter has been added by way of these amendments. Applicants have attached a marked-up version of the changes made to the application by the present amendment. The attached pages are captioned "Version with Markings to Show Changes Made."

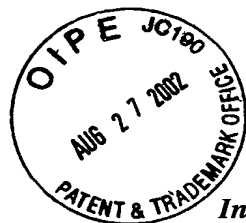
***Conclusion***

If for any reason the Examiner feels that a telephone conference would expedite prosecution of the application, the Examiner is invited to telephone the undersigned at (206) 442-6681.

Respectfully submitted,  
ZymoGenetics, Inc.

A handwritten signature in black ink, appearing to read "Phillip B. C. Jones".

Phillip B. C. Jones  
Registration No. 38,195



Version with Markings to Show Changes Made

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*In the Specification:*

The paragraph beginning at line 3 of page 12 has been amended as follows:

Figure 1A and 1B show a multiple alignment of human IGF I (SEQ ID NO:18), human IGF II (SEQ ID NO:19), human insulin (SEQ ID NO:20), human relaxin 2 (SEQ ID NO:21), human relaxin 1 (SEQ ID NO:22), human Leydig factor (HSLILH; SEQ ID NO:23), human INSL4 (early placenta insulin-like factor or EPIL; SEQ ID NO:24), rat Zins2 (SEQ ID NO:2), and human Zins2 (SEQ ID NO:13).

The paragraph beginning at line 28 of page 16 has been amended as follows:

The mature polypeptide has homology with insulin (SEQ ID NO:20), relaxin 1 (SEQ ID NO:22), ~~and 2~~ relaxin 2 (SEQ ID NO:21), INSL-4 (SEQ ID NO:24) and Leydig factor (SEQ ID NO:23), respectively, as shown in Figures 1A and 1B. Within this family, the cysteine motif is highly conserved in the B and A chains, where the B chain motif can be represented as LCGX{10}C, where X{ } is the number of any amino acid residues except cysteine (SEQ ID NO:16). The A chain motif is CCX{3}CX{8}C, where X{ } is the number of any amino acid residues, except cysteine (SEQ ID NO:17).